

## ABSTRACT

5 In an ATM switch provided in a network where an MPLS traffic  
and an ATM traffic coexist, which of the MPLS traffic and the ATM  
traffic a received ATM cell belongs to is determined according to the  
cell, the cell is classified based on the determination result and made to  
wait, and the cell is read at read intervals based on preset bandwidth  
allocation rates of both traffics. Also, service classes of a plurality of  
priorities for the MPLS traffic are provided and the read interval is  
10 obtained per priority.

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